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HEALTH IMAGING

COMPONENT LOCATOR
for the
Kodak X-Omat 3000 RA INTEGRATED PROCESSOR
Service Code: 3466
in a
Kodak X-Omat MULTILOADER 7000
Service Code: 3444

Kodak Home Page on Internet

Tech Bulletin on Intranet

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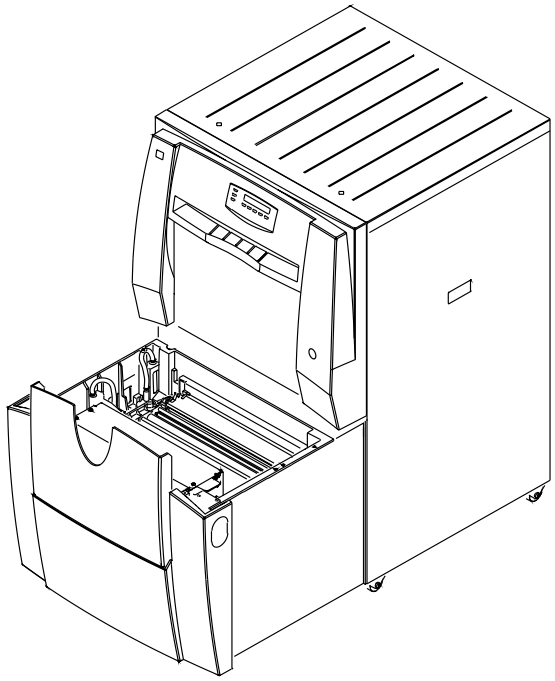
Important
Qualified personnel must service this equipment.



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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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B4	MOTOR - Fixer Replenishment Pump	3
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B6	MOTOR - DC Drive Motor	2
C6	SUPRESSOR - Dryer Heater	4
C7	CAPACITOR - AC Power Line	4
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DS1	LED - Fixer Heater	5
DS2	LED - Fixer Replenishment Pump	5
DS3	LED - Developer Replenishment Pump	5
DS4	LED - Developer Heater	5
DS5	LED - Dryer Heater	5
DS6	LED - Dryer Heater Enable	5
DS7	LED - Dryer Blower	5
DS8	LED - Recirculation Pump	5
DS9	LED - Developer/Fixer Heater	5
DS10	LED - Spare	5
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F5	FUSE - Dryer Blower	4
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HR2	HEATER - Fixer	2
HR3	HEATER - Dryer	3
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J10	CONNECTOR - DC Output Quad Power Supply	4
J11	CONNECTOR - Laptop Computer Interface	4
K1	RELAY - Dryer Heater Enable	4
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K5002	RELAY - Dryer Blower Motor	5
K5003	RELAY - Recirculation Pump	5
K5004	RELAY - Developer/Fixer Heater Enable	5
K5005	RELAY - Spare	5
K5006	RELAY - Spare	5
L1	INDUCTOR - Wash Water Solenoid	3
L2	SOLENOID - Developer Cooling	2
L4	INDUCTOR - Developer Heater	4
L5	INDUCTOR - Fixer Heater	4
L6	INDUCTOR - Dryer Heater	4
P/J2	CONNECTOR - AC Electrical Box	4
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P/J15	CONNECTOR - Developer Replenishment Pump	3
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P/J17	CONNECTOR - Autotransformer	2
P/J18	CONNECTOR - Blower Motor	3
P/J19	CONNECTOR - Fixer Heater	2
P/J20	CONNECTOR - Developer Heater	2
P/J21	CONNECTOR - Dryer Heater	3
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P/J27	CONNECTOR - Fixer Thermistor	2
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P/J7002	CONNECTOR - 7000, Drive Interlock Board	6
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RT1	THERMISTOR - Developer	2
RT2	THERMISTOR - Fixer	2
RT3	THERMISTOR - Dryer	3
RV1	VARISTOR - SSR - U1	4
RV2	VARISTOR - SSR - U2	4
RV3	VARISTOR - SSR - U3	4
RV4	VARISTOR - SSR - U4	4
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S5	SWITCH - Replenishment Calibration	3
S6	SENSOR - Dryer Over temperature Thermostat	3
S7	SENSOR - Developer Level Probe	3
S8	SENSOR - Fixer Level Probe	3
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SSR-U2	SOLID STATE RELAY - Developer Replenishment Pump	4
SSR-U3	SOLID STATE RELAY - Dryer Heater	4
SSR-U4	SOLID STATE RELAY - Fixer Replenishment Pump	4
SSR-U5	SOLID STATE RELAY - Fixer Heater	4
T1	TRANSFORMER - Autotransformer	2
TB1	TERMINAL BLOCK - Main AC Power Input	2
TB2	TERMINAL BLOCK - AC Power Selection/Distribution	2
TB3	TERMINAL BLOCK - AC Power Selection/Distribution	2
TB4	TERMINAL BLOCK - Electrical Box AC Power	4
TB5	TERMINAL BLOCK - Electrical Box DC Electronics	4
TB6	TERMINAL BLOCK - Dryer Heater	4
U6	PROM - Bootstrap	5
U16	EPROM - Main Operating	5
U21	EPROM - CLOCK/MEMORY MODULE	5

Section 2: Location of Components

Figure 1 Top Interior View

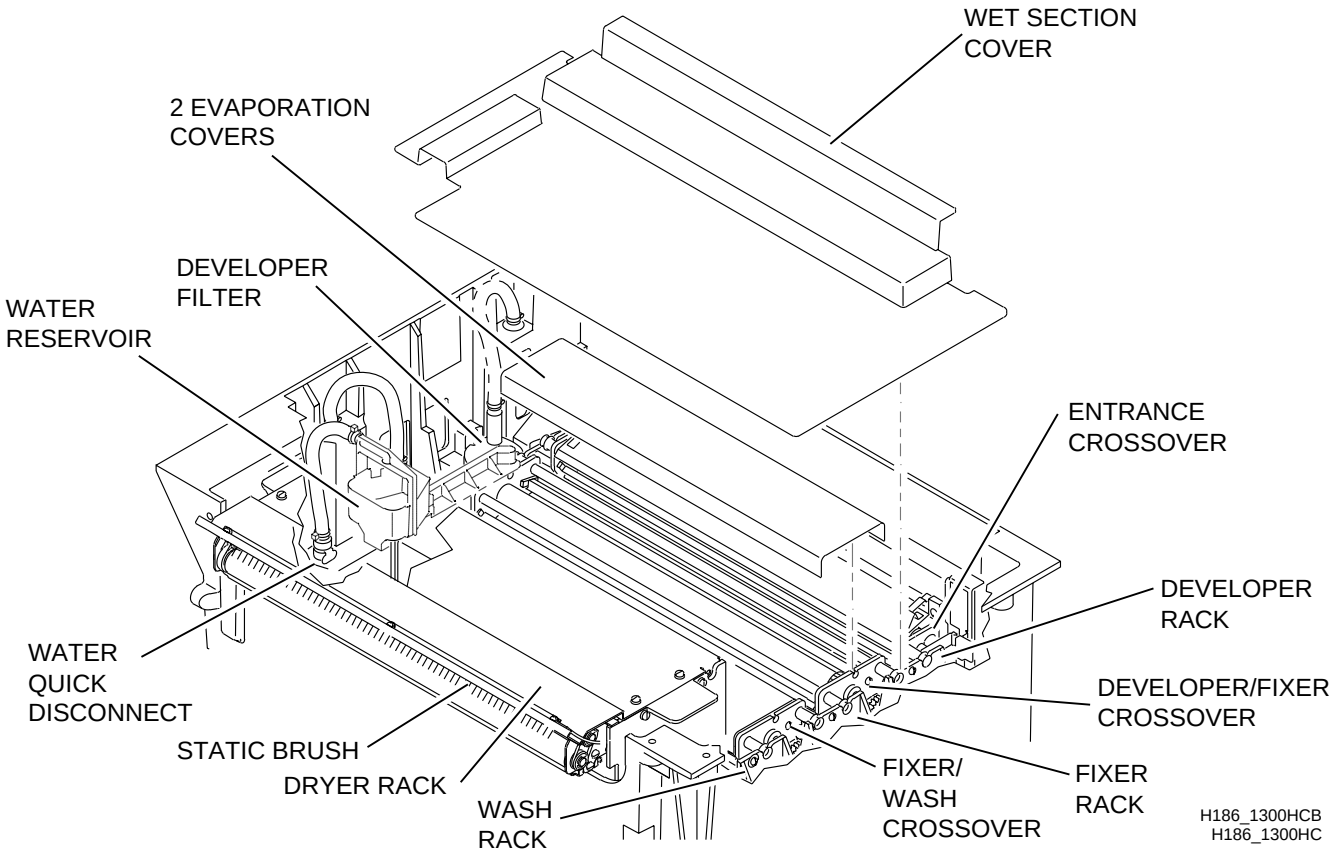
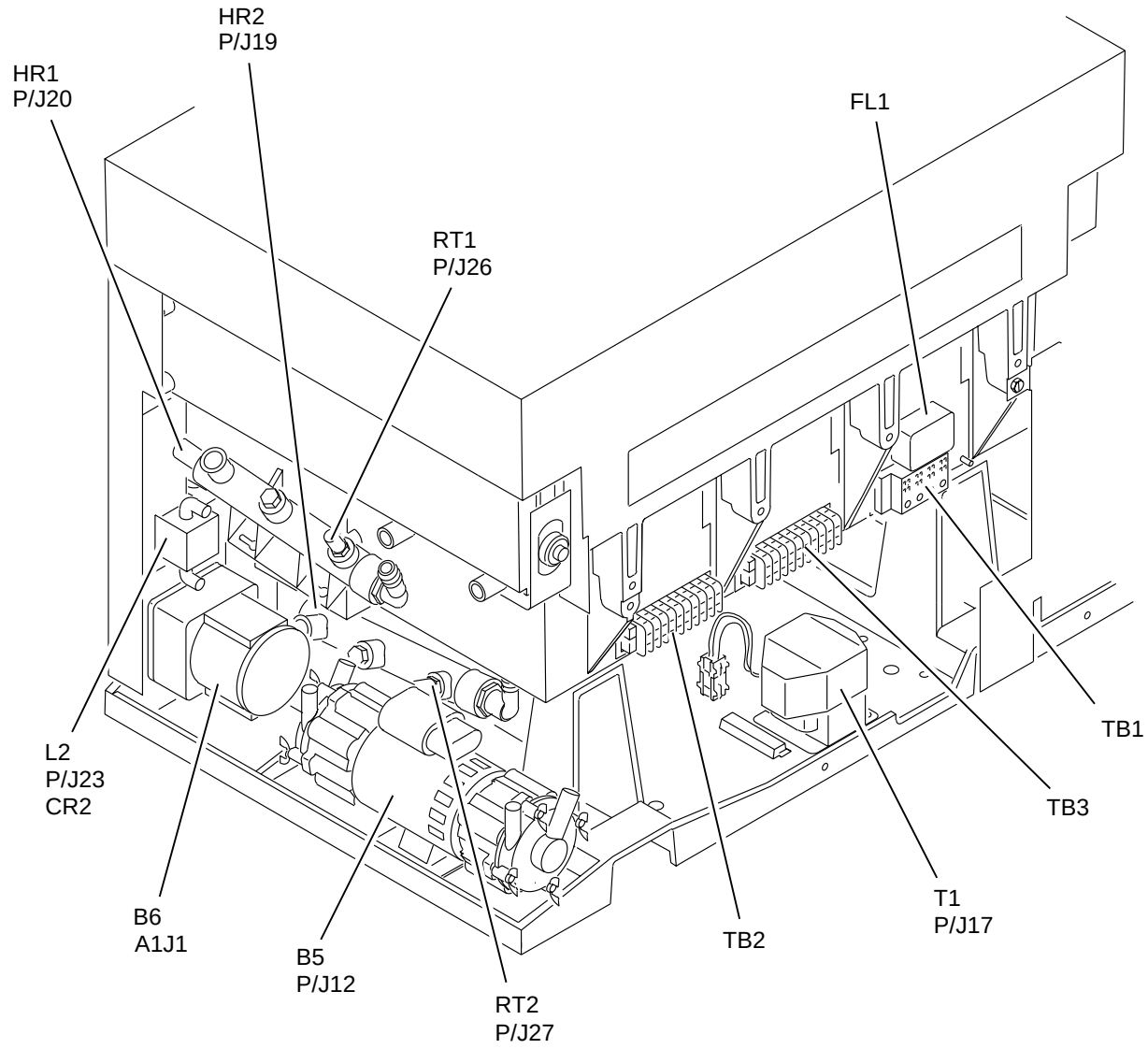


Figure 1 Top Interior View

Component	Description
- - - - - -	DEVELOPER FILTER
- - - - - -	DEVELOPER RACK
- - - - - -	DEVELOPER/FIXER CROSSOVER
- - - - - -	DRYER RACK
- - - - - -	ENTRANCE CROSSOVER
- - - - - -	EVAPORATION COVER
- - - - - -	FIXER RACK
- - - - - -	FIXER/WASH CROSSOVER
- - - - - -	STATIC BRUSH
- - - - - -	WASH RACK
- - - - - -	WATER DISCONNECT
- - - - - -	WATER RESERVOIR
- - - - - -	WET SECTION COVER

Figure 2 Feed End View



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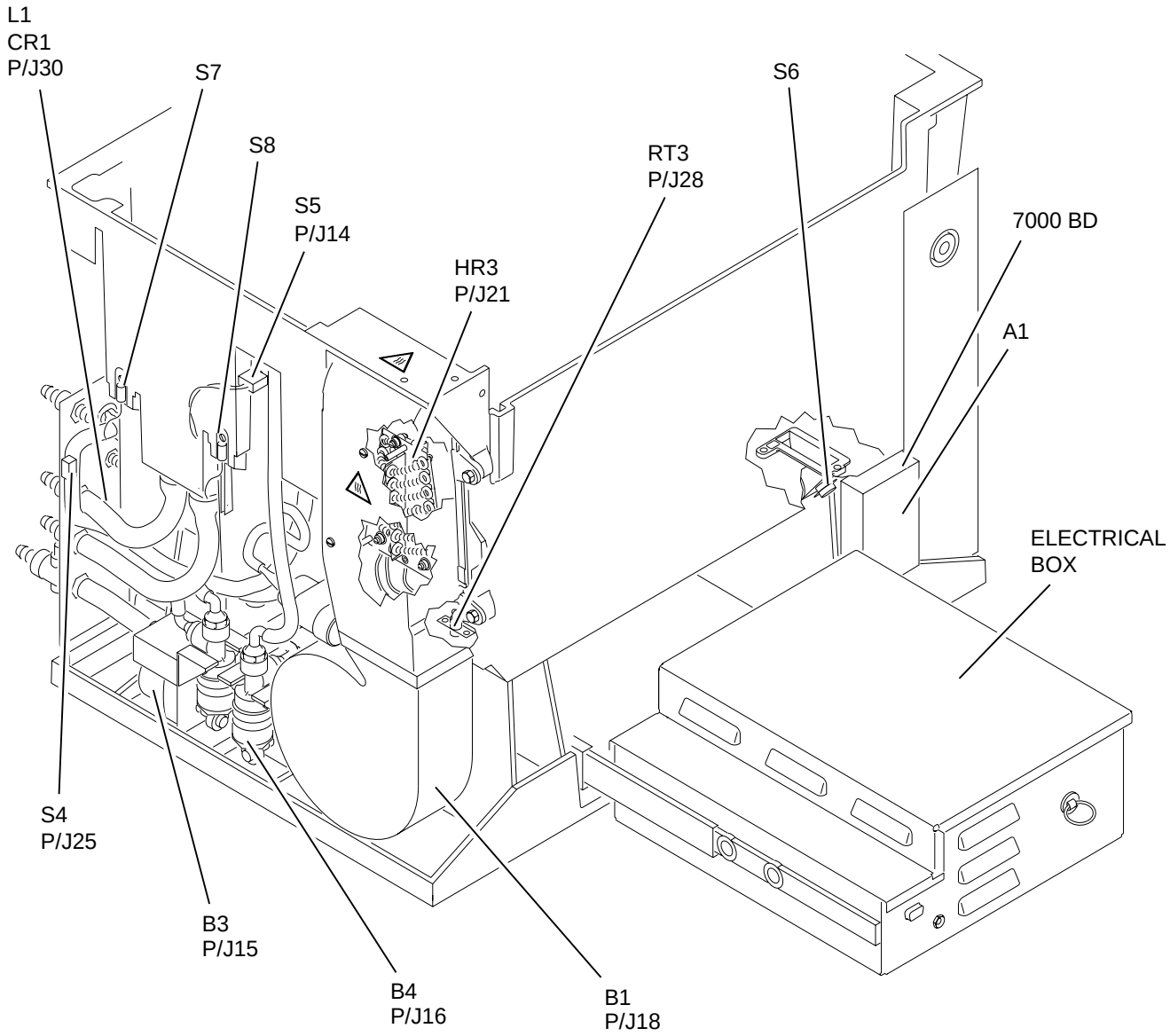
H186_1511DC

Figure 2 Feed End View

Component	Description
A1J1	CONNECTOR - DC Drive Motor
B5	MOTOR - Recirculation Pump
B6	MOTOR - DC Drive Motor
CR2	DIODE - Developer Cooling Solenoid
FL1	FILTER - EMI, Incoming AC
HR1	HEATER - Developer
HR2	HEATER - Fixer
L2	SOLENOID - Developer Cooling
P/J12	CONNECTOR - Fixer/Developer Recirculation Pump
P/J17	CONNECTOR - Autotransformer
P/J19	CONNECTOR - Fixer Heater
P/J20	CONNECTOR - Developer Heater
P/J23	CONNECTOR - Developer Cooling Solenoid
P/J26	CONNECTOR - Developer Thermistor
P/J27	CONNECTOR - Fixer Thermistor
RT1	THERMISTOR - Developer
RT2	THERMISTOR - Fixer
T1	TRANSFORMER - Autotransformer
TB1	TERMINAL BLOCK - Main AC Power Input
TB2	TERMINAL BLOCK - AC Power Selection/Distribution
TB3	TERMINAL BLOCK - AC Power Selection/Distribution

Figure 3 Receive End View

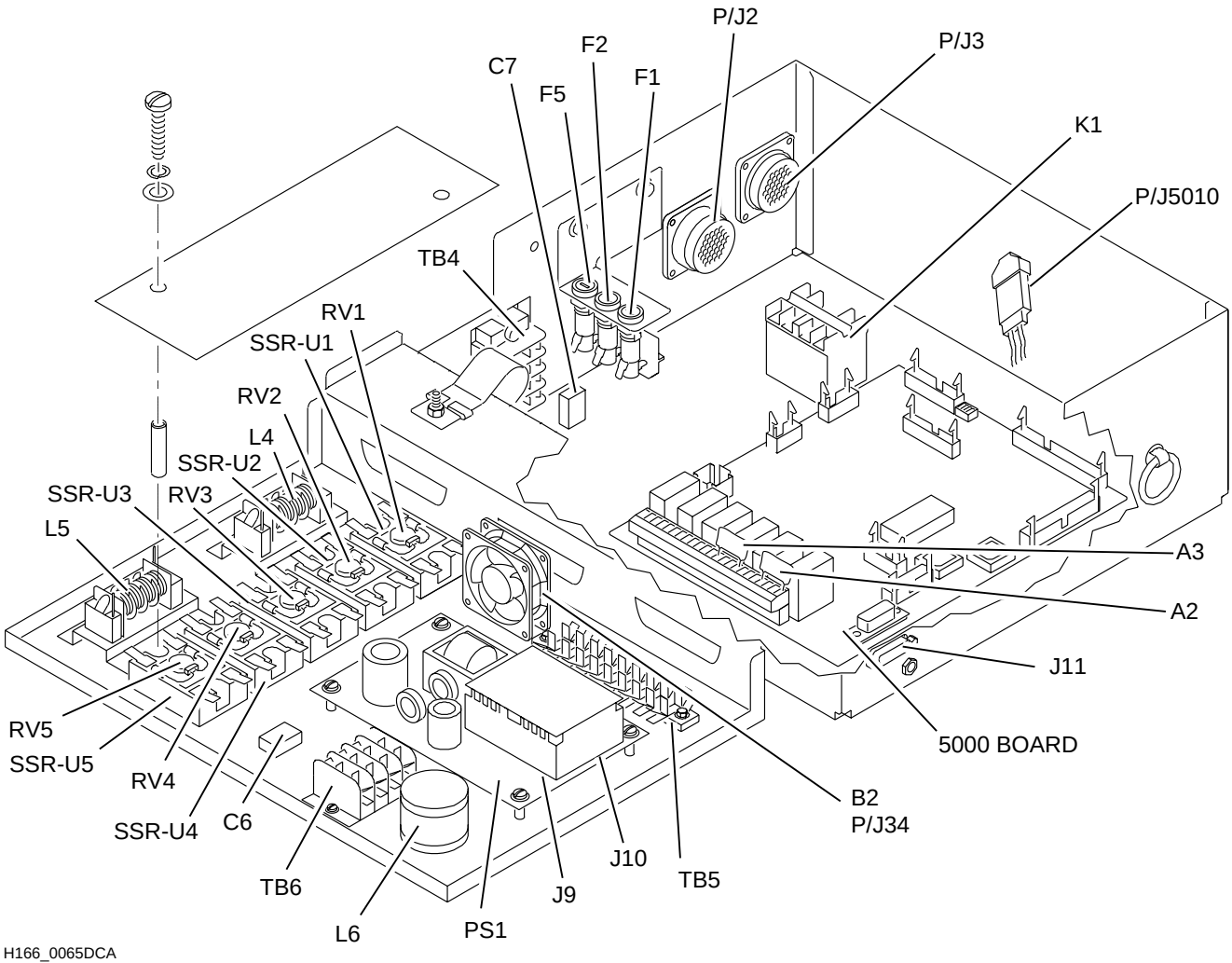


H166_0012DCA
H166_0012DA

Figure 3 Receive End View

Component	Description
- - - - - -	ELECTRICAL BOX
7000 BD	BOARD - 7000, Drive Interlock
A1	BOARD - Drive Motor Controller
B1	MOTOR - Dryer Blower
B3	MOTOR - Developer Replenishment Pump
B4	MOTOR - Fixer Replenishment Pump
CR1	DIODE - Wash Water Solenoid
HR3	HEATER - Dryer
L1	INDUCTOR - Wash Water Solenoid
P/J14	CONNECTOR - Replenishment Calibration Switch
P/J15	CONNECTOR - Developer Replenishment Pump
P/J16	CONNECTOR - Fixer Replenishment Pump
P/J18	CONNECTOR - Blower Motor
P/J21	CONNECTOR - Dryer Heater
P/J25	CONNECTOR - Processor in Interlock Switch
P/J28	CONNECTOR - Dryer Thermistor
P/J30	CONNECTOR - Wash Water Solenoid
RT3	THERMISTOR - Dryer
S4	SWITCH - Processor in Interlock
S5	SWITCH - Replenishment Calibration
S6	SENSOR - Dryer Over temperature Thermostat
S7	SENSOR - Developer Level Probe
S8	SENSOR - Fixer Level Probe

Figure 4 ELECTRICAL BOX



H166_0065DCA
H166_0065DC

Figure 4 ELECTRICAL BOX

Component	Description
5000 BD	BOARD - 5000, Microprocessor
A2	SUPRESSOR - K5002 Relay
A3	SUPRESSOR - K5003 Relay
B2	MOTOR - Power Supply Cooling Fan
C6	SUPRESSOR - Dryer Heater
C7	CAPACITOR - AC Power Line
F1	FUSE - Pumps
F2	FUSE - Developer/Fixer Heater
F5	FUSE - Dryer Blower
J10	CONNECTOR - DC Output Quad Power Supply
J11	CONNECTOR - Laptop Computer Interface
J9	CONNECTOR - AC Input Quad Power Supply
K1	RELAY - Dryer Heater Enable
L4	INDUCTOR - Developer Heater
L5	INDUCTOR - Fixer Heater
L6	INDUCTOR - Dryer Heater
P/J2	CONNECTOR - AC Electrical Box
P/J3	CONNECTOR - DC Electrical Box
P/J34	CONNECTOR - Power Supply Cooling Fan
P/J5010	CONNECTOR - Level Probe Resistor
PS1	POWER SUPPLY and FUSE
RV1	VARISTOR - SSR - U1
RV2	VARISTOR - SSR - U2
RV3	VARISTOR - SSR - U3
RV4	VARISTOR - SSR - U4
RV5	VARISTOR - SSR - U5
SSR-U1	SOLID STATE RELAY - Developer Heater
SSR-U2	SOLID STATE RELAY - Developer Replenishment Pump
SSR-U3	SOLID STATE RELAY - Dryer Heater
SSR-U4	SOLID STATE RELAY - Fixer Replenishment Pump
SSR-U5	SOLID STATE RELAY - Fixer Heater
TB4	TERMINAL BLOCK - Electrical Box AC Power
TB5	TERMINAL BLOCK - Electrical Box DC Electronics
TB6	TERMINAL BLOCK - Dryer Heater

Figure 5 5000 BOARD

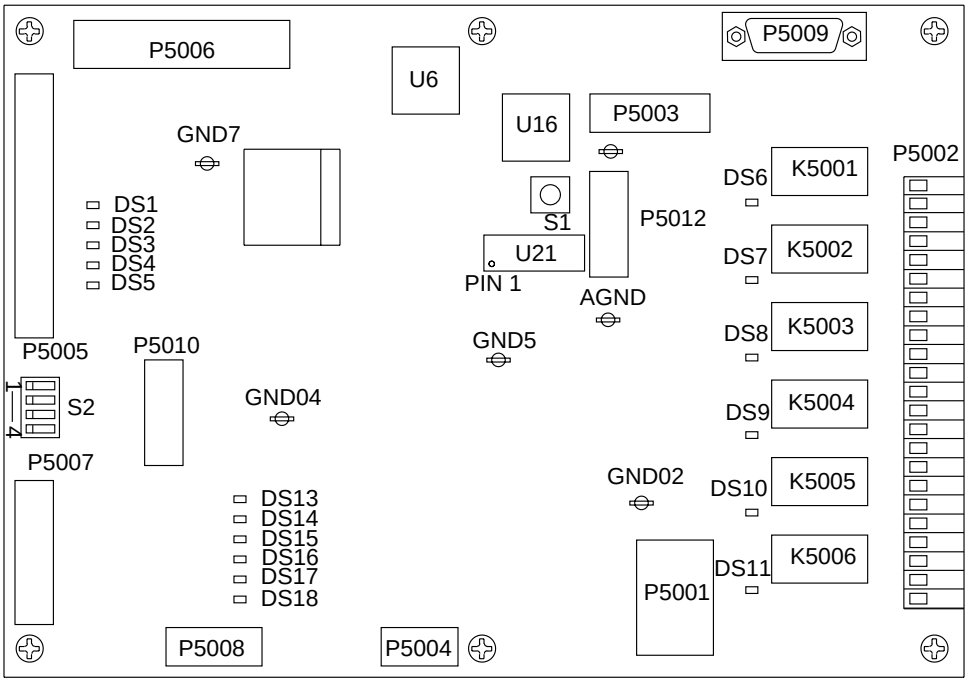


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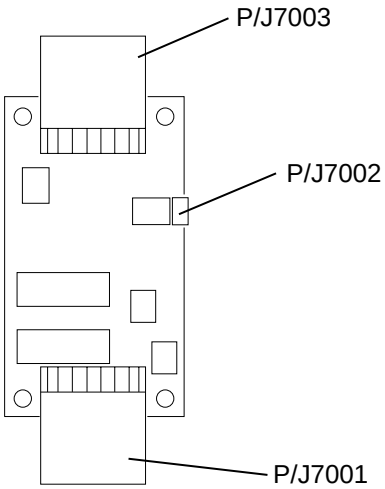
Figure 5 5000 BOARD

Component	Description
5000 BD	BOARD - 5000, Microprocessor
DS1	LED - Fixer Heater
DS2	LED - Fixer Replenishment Pump
DS3	LED - Developer Replenishment Pump
DS4	LED - Developer Heater
DS5	LED - Dryer Heater
DS6	LED - Dryer Heater Enable
DS7	LED - Dryer Blower
DS8	LED - Recirculation Pump
DS9	LED - Developer/Fixer Heater
DS10	LED - Spare
DS11	LED - Spare
DS13	LED - Spare
DS14	LED - Cooling Solenoid
DS15	LED - Water Solenoid
DS16	LED - Spare
DS17	LED - Spare
DS18	LED - Board Status
K5001	RELAY - Dryer Heater Enable
K5002	RELAY - Dryer Blower Motor
K5003	RELAY - Recirculation Pump
K5004	RELAY - Developer/Fixer Heater Enable
K5005	RELAY - Spare
K5006	RELAY - Spare
P/J5001	CONNECTOR - 5000, Microprocessor Board
P/J5002	CONNECTOR - 5000, Microprocessor Board
P/J5003	CONNECTOR - 5000, Microprocessor Board
P/J5004	CONNECTOR - 5000, Microprocessor Board
P/J5005	CONNECTOR - 5000, Microprocessor Board
P/J5006	CONNECTOR - 5000, Microprocessor Board
P/J5007	CONNECTOR - 5000, Microprocessor Board
P/J5008	CONNECTOR - 5000, Microprocessor Board
P/J5009	CONNECTOR - 5000, Microprocessor Board
P/J5010	CONNECTOR - Level Probe Resistor
U6	PROM - Bootstrap
U16	EPROM - Main Operating
U21	EPROM - CLOCK/MEMORY MODULE

Figure 6 7000 BOARD



H166_0005ACA
H166_0005AA

Figure 6 7000 BOARD

Component	Description
7000 BD	BOARD - 7000, Drive Interlock
P/J7001	CONNECTOR - 7000, Drive Interlock Board
P/J7002	CONNECTOR - 7000, Drive Interlock Board
P/J7003	CONNECTOR - 7000, Drive Interlock Board

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